



APPENDIX

VERSION WITH MARKINGS TO SHOW CHANGES MADE

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THE CLAIMS:

The claims are amended as follows:

1. (Amended) An ac generator comprising a stator and a rotor:

said stator being disposed within a bracket having an exhaust window and generating a three-phase ac current by a rotating field of said rotor; and

said rotor comprising a rotor coil for generating a magnetic flux, a pole core composed of first and second pole core members disposed so as to cover said rotor coil and having pawl-shaped magnetic poles projecting in staggered relationship, a plurality of permanent magnets disposed on both side surfaces of said pawl-shaped magnetic poles for reducing the leakage of the magnetic flux between the side surfaces of the adjacent pawl-shaped magnetic poles, and a fan mounted to each of opposite axial ends of the rotor for cooling a heat-generating member heated due to a generator output current;

said permanent magnets being permanent magnets of samarium-iron alloy containing titanium (Ti) and boron (B).

4. (Amended) The ac generator as claimed in claim 1, wherein said permanent magnets are supported by corrosion-resistive holding members surrounding the said permanent magnets.

Amendment Under 37 C.F.R. § 1.111
U.S. Appl. No. 09/839,209

5. (Amended) The ac generator as claimed in claim 1, wherein at least one portion of the a side opposing to the pawl-shaped magnetic pole side surfaces of said permanent magnets is resin-coated.

8. (Amended) The ac generator as claimed in claim 7, wherein said restricting means is only disposed in the vicinity of the tips of the magnetic poles of said first and second pole core members to restrict the displacement of said pole tips.

Claim 10 is added as a new claim.